



H9/C  
6/4/04

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Fontana, Jr. et al

Serial No.: 10/054,352

Filed: 01/18/2002

For: HIGH LINEAR DENSITY TUNNEL  
JUNCTION FLUX GUIDE READ HEAD  
WITH IN-STACK LONGITUDINAL  
BIAS STACK (LBS)

)  
)  
Group No.: 2652  
)  
Examiner: William Joseph Klimowicz  
)  
Docket No. SJO920000114US1  
)  
)

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Sir:

SUBSTITUTE AMENDMENT

In response to the Office Action dated 04/27/2004 please accept this "Substitute Amendment" for the amendment filed 3/11/2004.

05/26/2004 WABDELR1 00000151 502587 10054352  
01 FC:1201 172.00 DA  
02 FC:1202 108.00 DA

Please type a plus (+) sign inside this box -

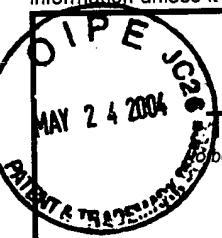
2652 P  
PTO/SB/21 REV 1 (12/97)

Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL FORM**  
*(to be used for all correspondence after initial filing)*

Total Number of Pages in This Submission

12+ postcard

Attorney Docket Number

SJO920000114US1

**ENCLOSURES (check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment w/Recordation Sheet	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Response/Substitute Amendment	<input type="checkbox"/> Request for Drawing Amendment	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Preliminary Amendment	<input type="checkbox"/> Petition Checklist and Accompanying Petition	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation	<u>POSTCARD</u>
<input type="checkbox"/> Supplemental Information Disclosure Statement ____ PTO Form 1449 ____ cited references	<input type="checkbox"/> Change of Correspondence Address	<hr/>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Terminal Disclaimer	<hr/>
<input type="checkbox"/> Response to Missing Parts/Incomplete Application ____ PTO Form 1533	Remarks:	
<input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53		

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**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm or Individual Name Ervin F. Johnston  
Reg. No. 20190

Signature Ervin F. Johnston

Date May 18, 2004

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on this date: May 18, 2004

Typed or printed name Ervin F. Johnston

Signature Ervin F. Johnston

Date

May 18, 2004

Please type a plus (+) sign inside this box -

PTO/SB/17 REV 1 (12/97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective November 10, 1998.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 C.F.R. §§ 1.27 and 1.28

Complete If Known



**TOTAL AMOUNT OF PAYMENT** (\$ 280.00)

Application Number 10/054,352

Filing Date 01/18/2002

First Named Inventor Fontana Jr. et al

Examiner Name William Joseph Klimowicz

Group / Art Unit 2652

Attorney Docket No. SJO920000114US1

## METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:

Deposit Account Number 50-2587

Deposit Account Name Hitachi Global Storage Technologies

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance. 37 CFR 1.311(b)

Payment Enclosed:

Check  Money Order  Other

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid	
Fee Code (\$)	Fee Code (\$)			
101 770	201 385	Utility filing fee		
106 340	206 170	Design filing fee		
107 530	207 265	Plant filing fee		
108 770	208 385	Reissue filing fee		
114 160	214 80	Provisional filing fee		
<b>SUBTOTAL (1) (\$)</b>				
<b>2. EXTRA CLAIM FEES</b>				
Total Claims	39	Extra Claims	Fee from below	Fee Paid
Independent Claims	39	- 33** =	64	x 18 = 108.00
Multiple Dependent Claims	7	- 5** =	2	x 86 = 172.00
** or number previously paid, if greater; For Reissues, see below				
Large Entity	Small Entity	Fee Description		
Fee Code (\$)	Fee Code (\$)			
103 18	203 9	Claims in excess of 20		
102 84	202 42	Independent claims in excess of 3		
104 290	204 145	Multiple dependent claim		
109 86	209 43	** Reissue independent claims over original patent		
110 18	210 9	** Reissue claims in excess of 20 and over original patent		
<b>SUBTOTAL (2) (\$)</b>				

Other fee (specify) Terminal Disclaimer  
Other fee (specify) Application for Patent Term Adjustment  
Other fee (specify) Certificate of Correction

**SUBTOTAL (3) (\$)**

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## SUBMITTED BY

COMPLETE (if applicable)

Typed or Printed Name Ervin F. Johnston

Reg. Number 20,190

Signature

Date May 18, 2004